

HELIOS BRONZE

HELIOS BRONZE 48 LEDs RGBW

HELIOS BRONZE FC
HELIOS BRONZE CT

HELIOS R BRONZE 48 LEDs RGBW

HELIOS R BRONZE FC
HELIOS R BRONZE CT

User's Manual rel 3.1 **GB**

D.T.S. Illuminazione s.r.l. - ITALY
<http://www.dts-lighting.it>



The Lighting Company

Made in Italy

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HELIOS BRONZE FC / HELIOS R BRONZE FC

D.T.S. Product Codes:

03.LIB002E99FC10	HELIOS BRONZE FC *Narrow lenses
03.LIB002E99FC25	HELIOS BRONZE FC *Medium flood lenses
03.LIB002E99FC40	HELIOS BRONZE FC *Wide flood lenses
03.LIS002E99FC10	HELIOS R BRONZE FC *Narrow lenses
03.LIS002E99FC25	HELIOS R BRONZE FC *Medium flood lenses
03.LIS002E99FC40	HELIOS R BRONZE FC *Wide flood lenses

LED Technology

15 x FULL RGBW LEDs; 4600 Lumens

LEDs average lifespan: 50.000 hours (70% lumen output)

Optical group

3 lenses sets available (Narrow, Medium flood, Wide flood)

Control

Via any DMX lighting console (Z1 PLUS, Z8 or DRIVENET 832 LED controller is needed)

Protection

IP68 protection level against the penetration of solids and liquids

Construction

HELIOS BRONZE FC and HELIOS R BRONZE FC are made on bronze and stainless steel.
HELIOS BRONZE FC is fitted with a mounting bracket, for installation on walls, trusses, etc.
HELIOS R BRONZE FC features a reinforced structure with a round flange, for recessed installation.

Power supply

External dedicated Z1 PLUS, Z8 or DRIVENET 832 power supply / LED controller

Electronic full-range: AC 90-260V 50-60 Hz

Power consumption: 100W Max

Connection

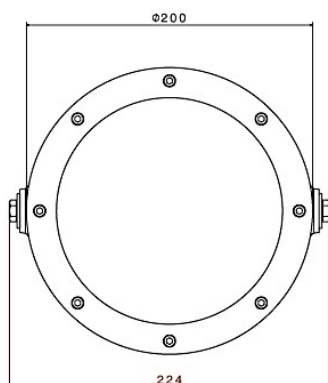
8 poles cable (1 m length)

Weight

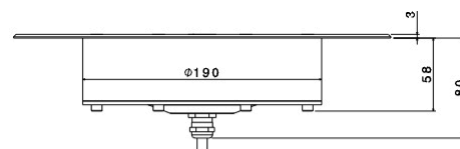
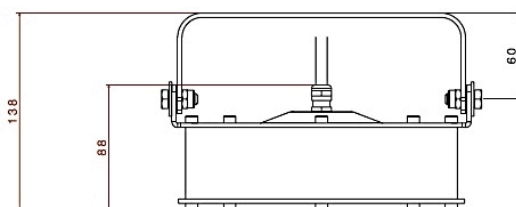
HELIOS BRONZE FC: 5,5 Kg

HELIOS R BRONZE FC: 6,5 Kg

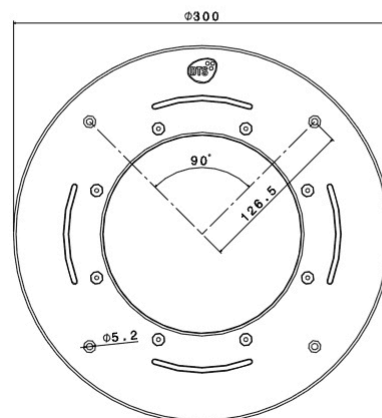
Dimensions



HELIOS BRONZE FC



HELIOS R BRONZE FC



HELIOS BRONZE CT / HELIOS R BRONZE CT

D.T.S. Product Codes:

03.LIB002E99FB10	HELIOS BRONZE CT *Narrow lenses
03.LIB002E99FB25	HELIOS BRONZE CT *Medium flood lenses
03.LIB002E99FB40	HELIOS BRONZE CT *Wide flood lenses
03.LIS002E99FB10	HELIOS R BRONZE CT *Narrow lenses
03.LIS002E99FB25	HELIOS R BRONZE CT *Medium flood lenses
03.LIS002E99FB40	HELIOS R BRONZE CT *Wide flood lenses

LED Technology

15 x FULL WHITE LEDs; 6620 Lumens

LEDs average lifespan: 50.000 hours (70% lumen output)

Optical group

3 lenses sets available (Narrow, Medium flood, Wide flood)

Control

Via any DMX lighting console (Z1 PLUS, Z8 or DRIVENET 832 LED Controller is needed)

Protection

IP68 protection level against the penetration of solids and liquids

Construction

HELIOS BRONZE CT and HELIOS R BRONZE CT are made on bronze and stainless steel.
HELIOS BRONZE CT is fitted with a mounting bracket, for installation on walls, trusses, etc.
HELIOS R BRONZE CT features a reinforced structure with a round flange, for recessed installation.

Power supply

External dedicated Z1 PLUS, Z8 or DRIVENET 832 power supply / LED controller

Electronic full-range: AC 90-260V 50-60 Hz

Power consumption: 100W Max

Connection

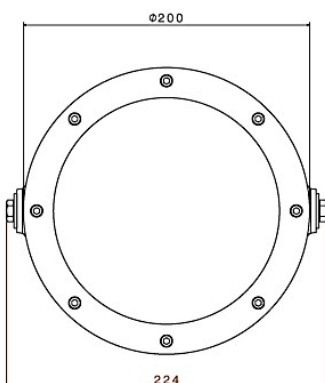
8 poles cable (1 m length)

Weight

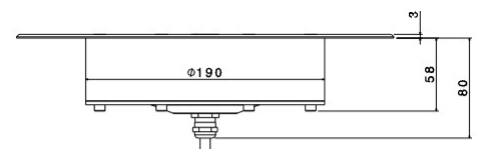
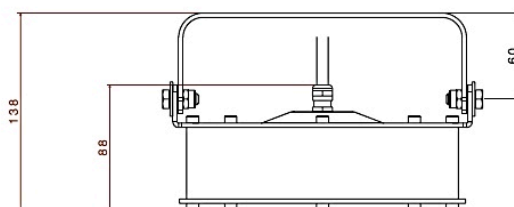
HELIOS BRONZE CT: 5,5 Kg

HELIOS R BRONZE CT: 6,5 Kg

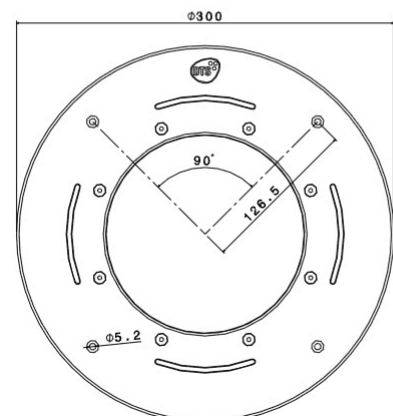
Dimensions



HELIOS BRONZE CT



HELIOS R BRONZE CT



HELIOS BRONZE 48 LEDs RGBW / HELIOS R BRONZE 48 LEDs RGBW

D.T.S. Product Codes:

03.LIB004E99TC10	HELIOS BRONZE 48 LEDs RGBW *Narrow lenses
03.LIB004E99TC25	HELIOS BRONZE 48 LEDs RGBW *Medium flood lenses
03.LIB004E99TC40	HELIOS BRONZE 48 LEDs RGBW *Wide flood lenses
03.LIS004E99TC10	HELIOS R BRONZE 48 LEDs RGBW *Narrow lenses
03.LIS004E99TC25	HELIOS R BRONZE 48 LEDs RGBW *Medium flood lenses
03.LIS004E99TC40	HELIOS R BRONZE 48 LEDs RGBW *Wide flood lenses

LED Technology

48 x RGBW LEDs (12 x Red, 12 x Green; 12 x Blue, 12 x White); 5200 Lumens

LEDs average lifespan: 50.000 hours (70% lumen output)

Optical group

3 lenses sets available (Narrow, Medium flood, Wide flood)

Control

Via any DMX lighting console (Z1 PLUS, Z8 or DRIVENET 832 is needed)

Protection

IP68 protection level against the penetration of solids and liquids

Construction

HELIOS BRONZE RGBW and HELIOS R BRONZE RGBW are made on bronze and stainless steel. HELIOS BRONZE RGBW is fitted with a mounting bracket, for installation on walls, trusses, etc. HELIOS R BRONZE RGBW features a reinforced structure with a round flange, for recessed installation.

Power supply

External dedicated Z1 PLUS, Z8 or DRIVENET 832 power supply / LED controller

Electronic full-range: AC 90-260V 50-60 Hz

Power consumption: 65W

Connection

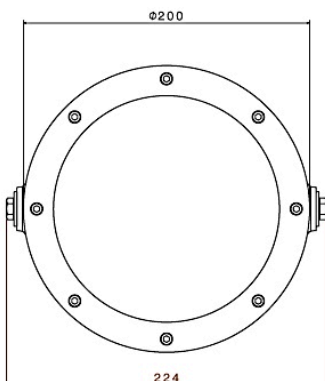
8 poles cable (1 m length)

Weight

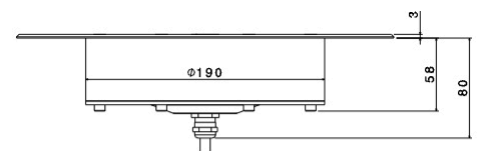
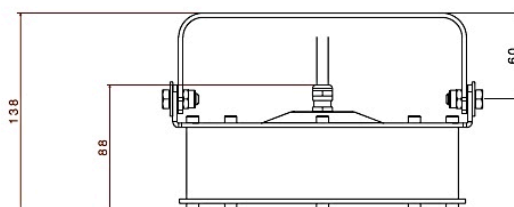
HELIOS BRONZE RGBW: 5,5 Kg

HELIOS R BRONZE RGBW: 6,5 Kg

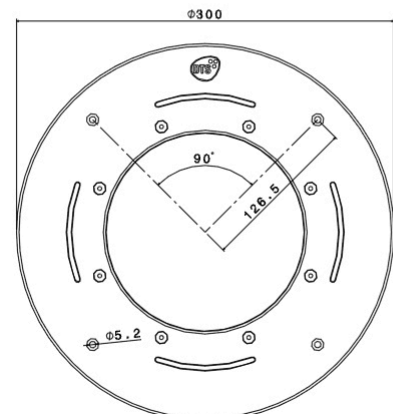
Dimensions



HELIOS BRONZE RGBW



HELIOS R BRONZE RGBW



ACCESSORIES

- DRIVENET 832 LED Controller Screw terminals outputs (Code 03.LA.177)
- Z8 LED Controller Screw terminals outputs (Code 03.LA.080.V2)
- Z1 PLUS IP20 LED Controller (Code 03.LA.009P)
- Z1 PLUS IP65 LED Controller (Code 03.LA.009P.IP65)

IMPORTANT SAFETY INFORMATION

Fire prevention:

It is permissible to place the unit on normally flammable surfaces.

Suitable for mounting on normally flammable materials surfaces greater than 200°C with some combustion time lag.

Safety:

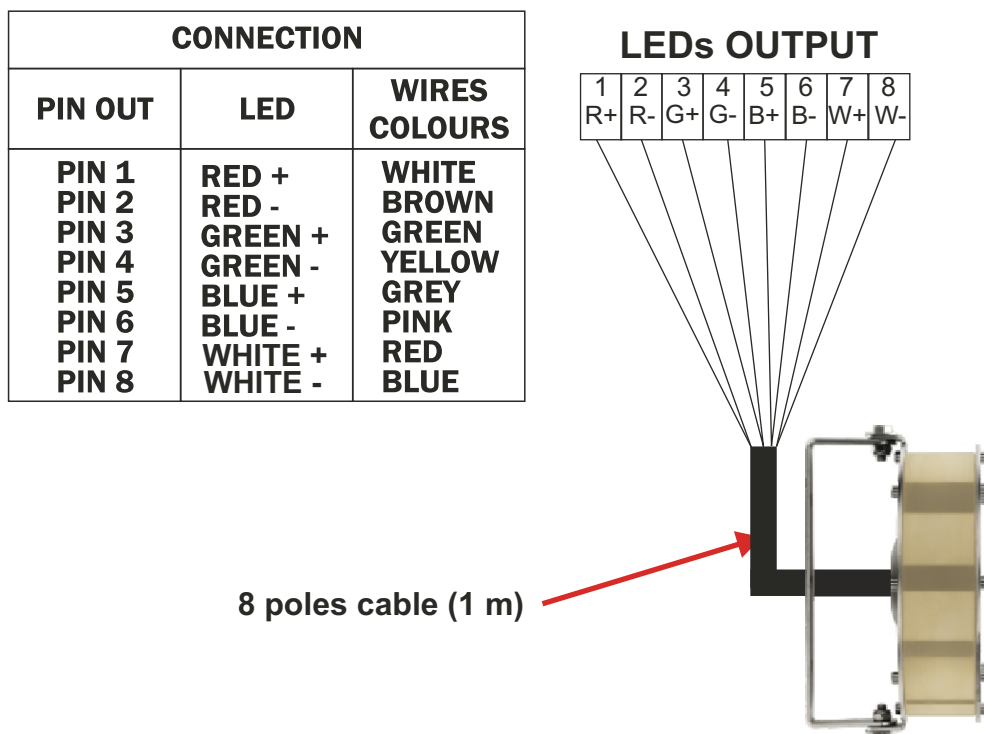
The external surface of the unit may exceed 50°C, never handle the unit until at least 5 minutes have elapsed since the unit was turned off.

Never install the unit in an enclosed area lacking sufficient air flow.

The ambient temperature should not exceed 40°C and should not be lower than -10°C.

WIRING DIAGRAMS

HELIOS BRONZE FC, CT and 48 LEDs RGBW units are provided with a 8 poles cable (1 m length).



The maximum distance between the DRIVENET 832 LED Controller and the HELIOS BRONZE unit (all models) should not exceed 100 meters.

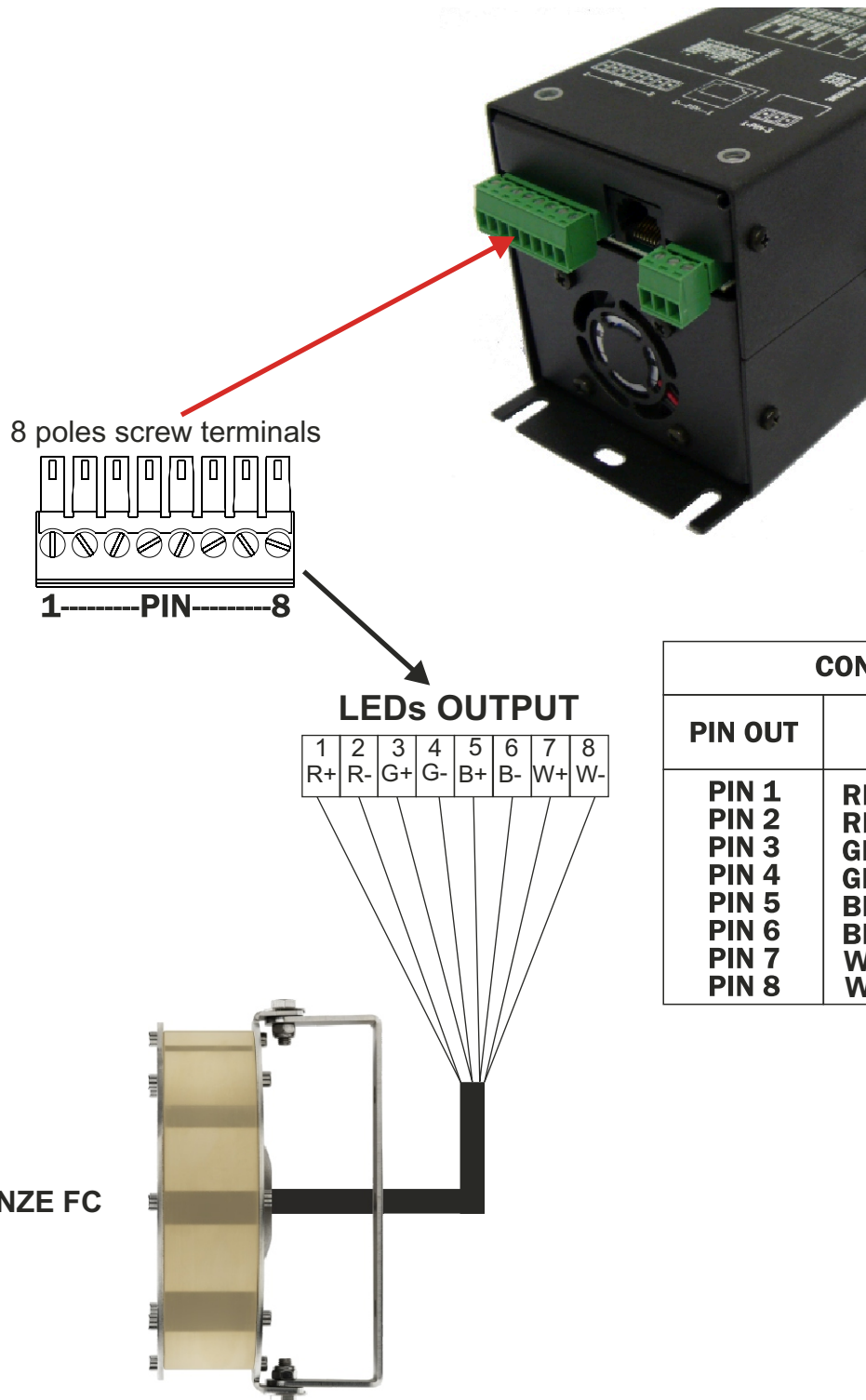
The maximum distance between the Z1 PLUS LED Controller and the HELIOS BRONZE unit (all models) should not exceed 100 meters.

The maximum distance between the Z8 LED Controller and the HELIOS BRONZE FC or CT unit should not exceed 50 meters.

The maximum distance between the Z8 LED Controller and the HELIOS BRONZE 48 LEDs RGBW unit should not exceed 100 meters.

WIRING CONNECTIONS

Z1 PLUS IP 20 LED Controller (Code 03.LA.009P)



IMPORTANT:

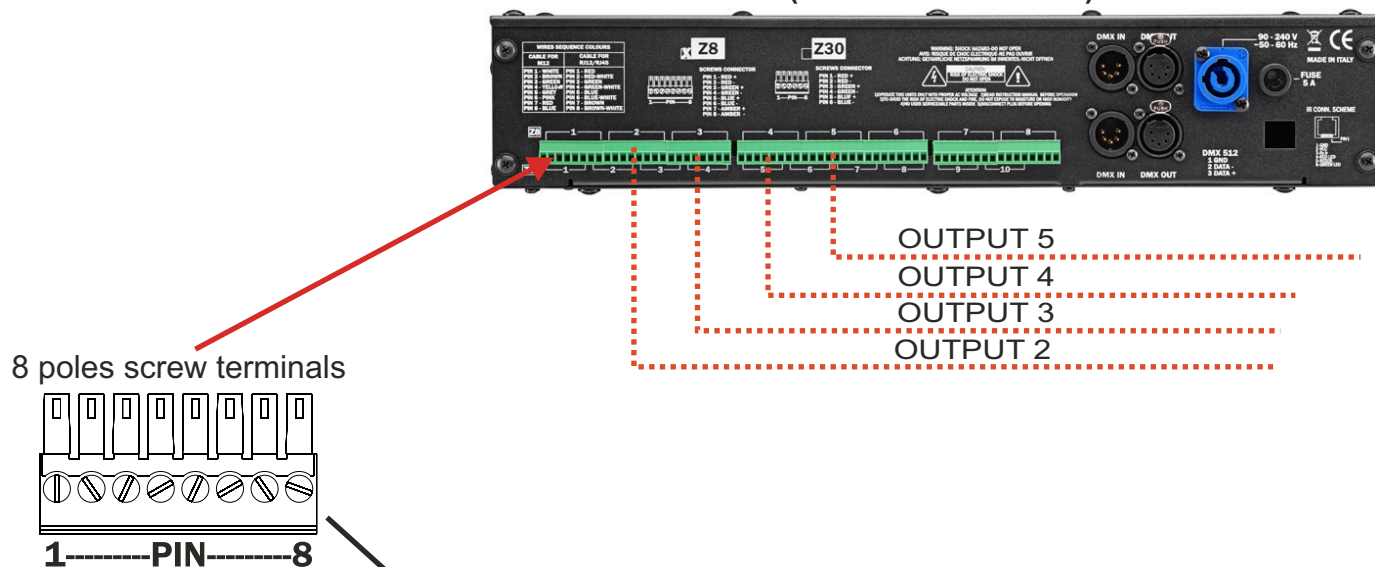
The maximum number of HELIOS BRONZE unit connectable to the Z1 PLUS LED controller is 1 piece.

Never plug in a HELIOS BRONZE unit when the power supply is turned on.

The maximum distance between the Z1 PLUS power supply and the HELIOS BRONZE unit (all models) should not exceed 100 meters.

WIRING CONNECTIONS

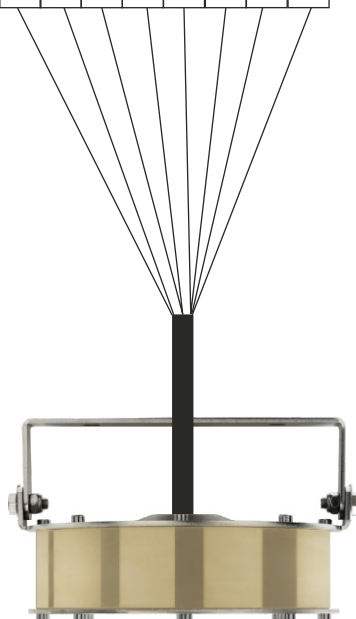
Z8 IP20 LED Controller Screw terminals outputs (Code 03.LA.080.V2)



CONNECTION		
PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE +	RED
PIN 8	WHITE -	BLUE

LEDs OUTPUT 1

1	2	3	4	5	6	7	8
R+	R-	G+	G-	B+	B-	W+	W-



**HELIOS BRONZE
48 LEDs RGBW**

LEDs OUTPUT 2

1	2	3	4	5	6	7	8
R+	R-	G+	G-	B+	B-	W+	W-



HELIOS R BRONZE FC

IMPORTANT:

The maximum number of HELIOS BRONZE unit connectable to each Z8 LEDs output is 1 piece.

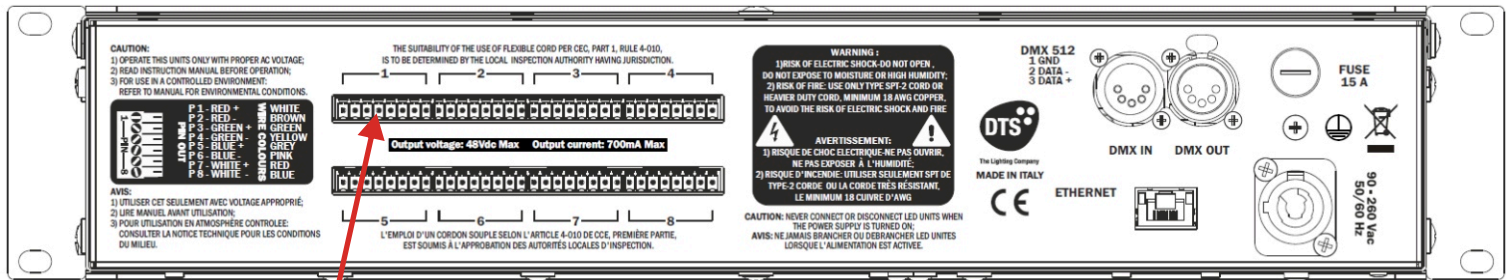
Never plug in a HELIOS BRONZE unit when the power supply is turned on.

The maximum distance between the Z8 power supply and the HELIOS BRONZE FC or CT unit should not exceed 50 meters.

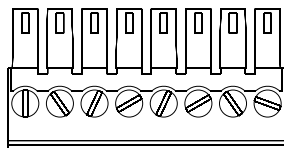
The maximum distance between the Z8 power supply and the HELIOS BRONZE 48 LEDs RGBW unit should not exceed 100 meters.

WIRING CONNECTIONS

DRIVENET 832 LED Controller Screw terminals outputs (Code 03.LA.177)



8 poles screw terminals

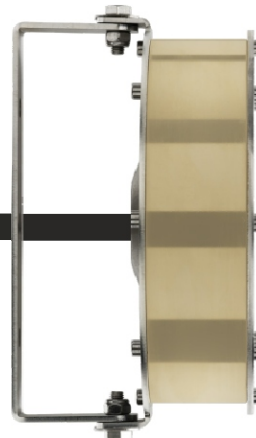


1-----PIN-----8

LEDs OUTPUT 1

1	2	3	4	5	6	7	8
R+	R-	G+	G-	B+	B-	W+	W-

CONNECTION		
PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE +	RED
PIN 8	WHITE -	BLUE



HELIOS BRONZE
48 LEDs RGBW

IMPORTANT:

The maximum number of HELIOS BRONZE FC, CT or 48 LEDs RGBW unit connectable to each output of the DRIVENET 832 is 1 piece.

NEVER CONNECT OR DISCONNECT THE UNIT WHEN THE POWER SUPPLY IS TURNED ON.

The maximum distance between the DRIVENET 832 and the HELIOS BRONZE (all models) should not exceed 100 meters.

NOTES

NOTES

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ISO 9001:2008

D.T.S. quality system
is certified to the
ISO 9001:2008 standard



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plants in Italy



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